(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 23 June 2005 (23.06.2005)

PCT

(10) International Publication Number WO 2005/056425 A1

- (51) International Patent Classification⁷: 81/26, A23L 3/3409
- B65D 81/24,
- (21) International Application Number:

PCT/AU2003/001650

- (22) International Filing Date: 9 December 2003 (09.12.2003)
- (25) Filing Language:

English

(26) Publication Language:

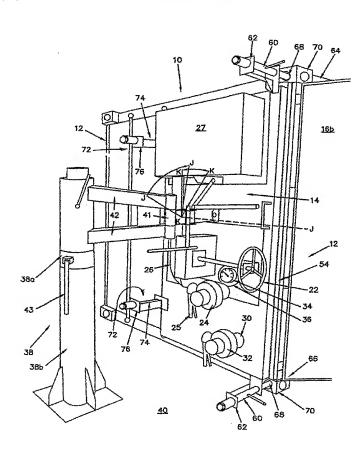
English

- (71) Applicant (for all designated States except US): ASIA-WORLD SHIPPING SERVICES PTY LTD [AU/AU]; Suite 9, 1st Floor, 401 Pacific Highway, Artarmon, New South Wales 2064 (AU).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): BRASH, Kenneth, George [AU/AU]; C/- Asiaworld Shipping Services Pty Ltd, Suite 9, 1st Floor, 401 Pacific Highway, Artarmon, New South Wales 2064 (AU).

- (74) Agent: GRIFFITH HACK; GPO Box 4164, SYDNEY, New South Wales 2001 (AU).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: RESIDUAL GAS REMOVAL METHOD



(57) Abstract: A method of removing a residual gas from inside a conventional shipping container is disclosed. The method first involves the step of accessing the container by opening a door of the container and fitting a panel to the open door space. Next the method involves extracting at least some of the residual gas present in the container via an outlet valve located at the panel using an external suction pump. Finally the method involves providing a flow of a flushing gas into the container via an inlet valve located at the panel to flush residual gas from the container. The total pressure of gases in the container can be monitored and controlled by adjusting the flow of gases in the inlet and outlet holes or valves.

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.